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RAW SEQUENCE LISTING

DATE: 08/05/2004

PATENT APPLICATION: US/10/825,921 TIME: 11:02:48

Input Set : N:\Crf3\RULE60\10825921.raw

Output Set: N:\CRF4\08052004\J825921.raw

SEQUENCE LISTING

3 (1) GENERAL INFORMATION:

5 (i) APPLICANT: David Michael Young

7 (ii) TITLE OF INVENTION: NOVEL THERMOSTABLE PROTEOLYTIC ENZYMES

8 AND USES THEREOF IN PEPTIDE AND PROTEIN SYNTHESIS

11 (iii) NUMBER OF SEQUENCES: 2

13 (iv) CORRESPONDENCE ADDRESS:

14 (A) ADDRESSEE: Saliwanchik & Saliwanchik

15 (B) STREET: 2421 N.W. 41st Street, Suite A-1

16 (C) CITY: Gainesville

17 (D) STATE: FL

18 (E) COUNTRY: US

19 (F) ZIP: 32606-6669

21 (v) COMPUTER READABLE FORM:

22 (A) MEDIUM TYPE: Floppy disk

23 (B) COMPUTER: IBM PC compatible

24 (C) OPERATING SYSTEM: PC-DOS/MS-DOS

25 (D) SOFTWARE: PatentIn Release #1.0, Version #1.30

27 (vi) CURRENT APPLICATION DATA:

C--> 28 (A) APPLICATION NUMBER: US/10/825,921

C--> 29 (B) FILING DATE: 15-Apr-2004

30 (C) CLASSIFICATION:

C--> 36 (vii) PRIOR APPLICATION DATA:

33 (A) APPLICATION NUMBER: US/09/197,945

34 (B) FILING DATE: 23-NOV-1998

37 (A) APPLICATION NUMBER: US 08/773,475

38 (B) FILING DATE: 23-DEC-1996

C--> 40 (viii) ATTORNEY/AGENT INFORMATION:

41 (A) NAME: Saliwanchik, David R.

42 (B) REGISTRATION NUMBER: 31,794

43 (C) REFERENCE/DOCKET NUMBER: UF-174

C--> 45 (ix) TELECOMMUNICATION INFORMATION:

46 (A) TELEPHONE: (352) 375-8100

47 (B) TELEFAX: (352) 372-5800

50 (2) INFORMATION FOR SEQ ID NO: 1:

52 (i) SEQUENCE CHARACTERISTICS:

53 (A) LENGTH: 20 amino acids

54 (B) TYPE: amino acid

55 (C) STRANDEDNESS: single

56 (D) TOPOLOGY: linear

58 (ii) MOLECULE TYPE: protein

60 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 1:

62 Ser Ser Ile Glu Trp Asn Glu Lys Thr Phe Ala Lys Phe Ala Tyr Leu

ENTERED

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```
63      1           5           10           15
64      Ser Asp Pro Arg
65
66      20
67
68 (2) INFORMATION FOR SEQ ID NO: 2:
69      (i) SEQUENCE CHARACTERISTICS:
70          (A) LENGTH: 17 base pairs
71          (B) TYPE: nucleic acid
72          (C) STRANDEDNESS: single
73          (D) TOPOLOGY: linear
74
75      (ii) MOLECULE TYPE: DNA (genomic)
76
77      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 2:
78      GARTGGAAYG ARAARAC
79
80
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17

VERIFICATION SUMMARY

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L:28 M:220 C: Keyword misspelled or invalid format, [(A) APPLICATION NUMBER:]
L:29 M:220 C: Keyword misspelled or invalid format, [(B) FILING DATE:]
L:36 M:220 C: Keyword misspelled or invalid format, [(vii) PRIOR APPLICATION DATA:]
L:40 M:220 C: Keyword misspelled or invalid format, [(viii) ATTORNEY/AGENT INFORMATION:]
L:45 M:220 C: Keyword misspelled or invalid format, [(ix) TELECOMMUNICATION INFORMATION:]